

Converting Colors

YIQ(170.3680, 5.3160, 13.7960)

Have a look what the booklet for
YIQ(170.3680, 5.3160, 13.7960)
contains.

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Color

**YIQ(170.3680, 5.3160,
13.7960)**

Conversions

Conversions Part 1

Format	Color
Hex	B8A0BC
RGB	184, 160, 188
RGB Percent	72%, 63%, 74%
CMY	0.2784, 0.3726, 0.2627
CMYK	0.02, 0.15, 0.00, 0.26
HSL	291°, 17%, 68%
HSV	291°, 15%, 74%
XYZ	41.4179, 38.9617, 52.9143
YIQ	170.3680, 5.3160, 13.7960

Conversions

Conversions Part 2

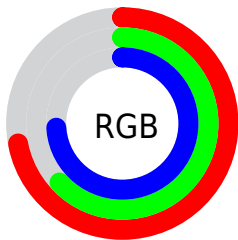
Format	Color
RYB	184, 160, 188
Decimal	12099772
CIELab	68.72, 13.88, -11.17
CIELCh	69, 17.817, 321.189
Yxy	38.9617, 0.3107, 0.2923
Android (android.graphics.Color)	4290289852 (0xFFB8A0BC)
YUV	170.3680, 8.6926, 11.9553
Hunter-Lab	62.4193, 9.2087, -6.5680

Details

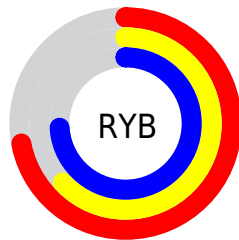
The YIQ color $170.3680, 5.3160, 13.7960$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $177.6320, -5.3160, -13.7960$, and the grayscale version is $170.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $225.7810, 5.5910, 14.3190$, and $117.9550, 5.0410, 13.2730$ is the 20% darker color. If you saturate the color by 10%, you get $158.3180, 8.7530, 23.0970$, and if you desaturate by 10%, it is $182.4180, 1.8790, 4.4950$.

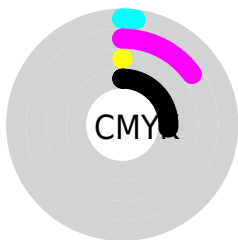
Distribution



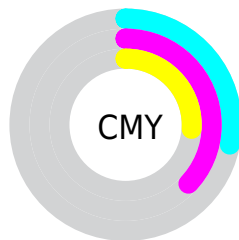
- Red (72%)
- Green (63%)
- Blue (74%)



- Red (72%)
- Yellow (63%)
- Blue (74%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (26%)



- Cyan (28%)
- Magenta (37%)
- Yellow (26%)
- Black (10%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 170.3680, 5.3160, 13.7960 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 170.3680, 5.3160, 13.7960 by changing the saturation by 10% instead.

■ 170.3680, 5.3160,
13.7960

■ 170.3680, 5.3160,
13.7960

255.0000, -0.0000,
-0.0000

■ 143.9550, 5.0410,
13.2730

■ 225.7810, 5.5910,
14.3190

■ 117.9550, 5.0410,
13.2730

■ 247.9560, 3.3000,
6.2760

■ 93.4280, 5.0870,
12.4390

■ 69.7160, 4.2160,
11.7040

■ 47.3030, 3.9410,
11.1810

■ 25.8900, 3.6660,
10.6580

■ 5.4550, 0.4570,

8.2410

■ 0.0000, 0.0000,
0.0000

■ 170.3680, 5.3160,
13.7960

■ 170.3680, 5.3160,
13.7960

■ 158.3180, 8.7530,
23.0970

■ 182.4180, 1.8790,
4.4950

■ 146.5670, 12.7860,
32.6100

■ 194.1690, -2.1540,
-5.0180

■ 135.1040, 15.9480,
41.3880

■ 205.6320, -5.3160,
-13.7960

■ 123.0540, 19.3850,
50.6890

■ 217.6820, -8.7530,
-23.0970

■ 111.3030, 23.4180,
60.2020

■ 229.4330,
-12.7860, -32.6100

■ 99.2530, 26.8550,
69.5030

■ 230.9170,
-11.2730, -32.4970

■ 87.2030, 30.2920,
78.8040

■ 231.8140, -9.4850,
-31.8610

■ 76.0390, 34.0500,
87.7940

■ 232.4120, -8.2930,
-31.4370

■ 69.5710, 35.6080,
92.6000

■ 233.3090, -6.5050,
-30.8010

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



168.4630, -11.1890, 10.0510



170.3680, 5.3160, 13.7960



170.7840, 18.7040, 13.4560

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



170.3680, 5.3160, 13.7960



167.6740, 21.2290, -4.7790



161.6800, -31.6340, -10.4020

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



170.3680, 5.3160, 13.7960



177.6320, -5.3160, -13.7960

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



162.1340, -21.4090, -13.9930



170.3680, 5.3160, 13.7960



165.7540, 9.0800, -10.3760

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



170.3680, 5.3160, 13.7960



169.1250, 27.5090, 2.5570



163.7460, -5.6370, -13.4850



162.8850, -33.4690, -4.6770

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



170.3680, 5.3160, 13.7960



170.1390, 24.8940, 11.4060



163.7460, -5.6370, -13.4850



161.2950, -29.1120, -12.0560

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



170.3680, 5.3160, 13.7960



238.5320, 1.5580, 4.8060



165.5400, -10.0880, 6.6160



118.4780, 1.6500, 3.1380



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



170.3680, 5.3160, 13.7960



217.3780, 8.5240, 21.7400



170.4240, 10.9100, 11.5340



88.4180, 1.8790, 4.4950



58.6760, 30.3380, 77.9700



11.3080, 5.5450, 15.1530

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



168.8280, 15.4040, 7.1800



214.8400, 24.2980, 11.1940



177.5760, -10.9100, -11.5340



87.8050, 5.0430, 2.2190



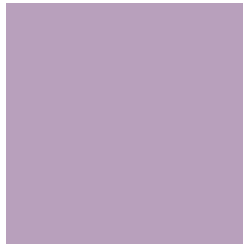
49.7500, 87.1060, 40.3380



9.7250, 17.1920, 7.8160

Previews

White Background



This preview shows how the YIQ color 170.3680, 5.3160, 13.7960 looks on a white background.

Color Contrast Check

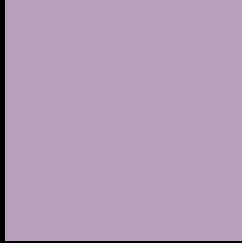
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 170.3680, 5.3160, 13.7960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

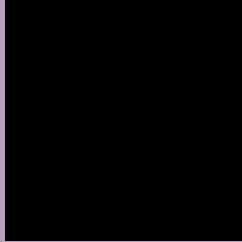
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 170.3680, 5.3160, 13.7960

Background



This preview shows how black text looks on a background with the YIQ color 170.3680, 5.3160, 13.7960.



This preview shows how white text looks on a background with the YIQ color 170.3680, 5.3160,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

170.3680, 5.3160, 13.7960

Protanopia

168.0670, -10.1340, 7.4500

Deuteranopia

169.3240, -0.5520, 10.0080



Tritanopia

169.4620, 7.7470, 8.2830

Trichromacy



Original Color

170.3680, 5.3160, 13.7960

Protanomaly

169.1710, -4.4950, 9.8810

Deuteranomaly

169.6340, 1.5110, 11.1670

Tritanomaly

169.7440, 7.0130, 10.5730

Monochromacy



Original Color

170.3680, 5.3160, 13.7960

Achromatopsia

170.0000, -0.0000, 0.0000

Achromatomaly

169.9450, 1.8330, 5.3290

CSS Examples

Text

The CSS property to change the color of the text to YIQ 170.3680, 5.3160, 13.7960 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(184, 160, 188)` looks like.

```
.text, #text, p{  
    color:rgb(184, 160, 188)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(184, 160, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 160, 188) }
```

Border

The CSS property to change the border of an element to YIQ 170.3680, 5.3160, 13.7960 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 160, 188) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(184, 160, 188) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(184, 160, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 160, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 160, 188);  
box-shadow:4px 4px 4px 4px rgb(184, 160,  
188) }
```

Background

The CSS property to change the background color of an element to YIQ 170.3680, 5.3160, 13.7960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 160, 188) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(184,  
160, 188) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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